



The **Mosaic NetSite™**  
network server software

**Mosaic** Exchanging information and conducting commerce over global  
**NetSite** networks is now just a point and a click away. Introducing Mosaic  
**Data Sheet** **NetSite™** server software from Mosaic Communications.

**N**ow you can easily exchange information and conduct commerce over the Internet and other networks based on the Internet Protocol.

The Mosaic NetSite line of server software

Mosaic NetSite servers are the first commercial Internet servers compatible enhances and, in some cases, radically changes

the way organizations, publishers, and infor-

with the NCSA Mosaic research prototype developed in 1993 at the University mation providers communicate with existing

and potential customers, and just about every-

of Illinois' National Center for Supercomputing Applications (NCSA). NCSA one else. Whether your network is private or

public, large or small, Mosaic NetSite servers

Mosaic, a client/server system for online interactive information exchange, can help your organization provide compelling

multimedia content to an online audience. In

provided a navigational system via hypertext links that could be understood by cyberspace. Around the globe.

anyone who could point and click a mouse. Hypertext links allow the retrieval

of files by simply clicking on the word or image in which you are interested.

Widely acclaimed as the "killer application" for the Internet, the NCSA Mosaic multimedia document navigation system attracted more than 3 million users in its first year. Thousands of individuals and organizations around the globe have used the prototype to serve documents integrating audio, video, graphics, and formatted text. Recognizing the demand for commercial-caliber software for the Internet, Mosaic Communications—led by virtually the entire NCSA Mosaic design team—redesigned the prototype to provide the enhancements and corporate support that commercial users require.

#### **Powerful tools for information providers**

The Mosaic NetSite line of server software provides

the performance you need to serve all of your customers and the power to make the most of your CPU capacity and communications bandwidth. Fully compatible with the NCSA Mosaic prototype, Mosaic NetSite servers can be scaled to handle heavy loads and extended to incorporate new features and functionality on a modular basis. Ease of use also moves to new heights with configuration and management facilities that let you get up and running right away. The Mosaic NetSite server line consists of two server products—the Mosaic NetSite Communications Server for general communications needs and the Mosaic NetSite Commerce Server for conducting commerce and secure communications over global networks.

### *Mosaic NetSite Communications Server*

The Mosaic NetSite Communications Server is designed for organizations who want to provide multimedia content to audiences around the world. Whether you are providing online marketing and support materials to customers or product plans and internal newsletters to employees, the Mosaic NetSite Communications Server can get you there.

### *Mosaic NetSite Commerce Server*

The Mosaic NetSite Commerce Server adds bullet-proof security based upon the technology of RSA Data Security to the feature set of the Communications Server, making it possible to conduct commerce and secure communications over global networks. Mosaic Communications' implementation of RSA's technology has two components: encryption which creates a secure channel—preventing “snoopers” and “crackers” from tapping into transactions and confidential information; and authentication which uses digital signatures to verify server legitimacy. These features allow you to accept online transactions and confidently send even your most sensitive documents over the network—knowing that the information is secure. With the Mosaic NetSite Commerce Server, you're ready for commerce on the Internet.

### **A complete solution**

Mosaic Communications develops network navigators which, in combination with the Mosaic NetSite server line, will make public and private networks far more accessible, user friendly, secure, and content rich. The Mosaic NetScape™ network navigator is a hypermedia navigational tool that lets you easily navigate a vast universe of networked multimedia resources right from your desktop. Mosaic NetSite servers and Mosaic NetScape network navigators interoperate with all existing HTTP-based clients and servers. When used together, Mosaic Communications' products offer levels of performance not available anywhere else.

### **Communicate and conduct online commerce with millions, or a select few**

With Mosaic NetSite servers, you can reach the more than 25 million people that tap into the world's largest network, the Internet. Or simply communicate with the people in your branch office. Whether your audience is a select few around the corner or millions around the world, Mosaic NetSite server software can make communications and commerce in today's multimedia world far easier. Here's how:

#### ■ *Corporate Communications, Marketing and Sales*

Corporations can use the Mosaic NetSite Communications Server to enhance communications both inside and outside the enterprise. Using your company's network, the Communications Server makes it easy to publish everything from corporate policies to customer lists at both local and remote sites. On the public net, you can communicate directly with your existing and potential customers—providing marketing materials, technical specifications, and company literature. The Mosaic NetSite Commerce Server gives you secure communications allowing the transfer and sharing of confidential information, and the ability to conduct online transactions.

#### ■ *Distance Learning*

Educators and institutions can use the Mosaic NetSite Communications Server much like an online library—providing students access to classroom materials, electronic textbooks, and research information of all kinds. These multimedia capabilities help bring online learning to life. They also provide a way for students to create and distribute their own works and to get feedback from a broader audience.

#### ■ *Online Publishing*

Publishers can offer interactive, visually rich publications online—providing entirely new ways to interact with subscribers. Using audio and video, you can deliver sound bytes of speeches or video clips of news highlights. Create a community by letting subscribers respond online to your editors or to each other. Let them purchase products online from you, your partners, or your advertisers.

#### ■ *Interactive Shopping*

Catalog companies, retailers, or manufacturers can market and sell products and services over global networks like the Internet. Present colorful images of products, video clips of them in use, and detailed descriptions. Your users simply navigate their way through your virtual catalog or store, and make their purchases online with bulletproof security. Hyperlinks allow you to serve customers better by guiding them to similar and complementary products.

### Getting started is easy

Whether you're an experienced network administrator or a relative novice, the Mosaic NetSite QuickStart graphical install tool makes getting started easy. A guided on-screen installation tour allows you to configure your server by answering a series of simple questions. QuickStart has the intelligence to provide default answers. As a result, you are up and running in minutes.

### Serve up content-rich documents, fast

Mosaic NetSite servers provide documents to your customers in a fraction of the time you've come to expect from multimedia content, thanks to a multi-image loading system. When operating in concert with Mosaic NetScape network navigators, Mosaic NetSite servers deliver multimedia documents at speeds never before achieved. Mosaic NetSite servers also offer unsurpassed efficiency, making the best use of your investments in hardware and communications infrastructure.

### Protect your investments with open software and industry standards

Using industry-standard communications protocols such as HTTP and TCP/IP, and document formats such as HTML, Mosaic NetSite servers support a wide variety of the Internet tools you and your customers are already using. Adherence to these standards preserves your investment in hardware, software, and content development.

Mosaic Communications' open software philosophy also makes it possible for independent software vendors to develop additional tools and products that give users access to the resources of the broader software community.

### A development platform you can bank on

Mosaic NetSite servers—created by the very team who authored the NCSA research prototype—were designed to handle traffic in the heterogeneous, multiplatform computing world. With Mosaic Communications, you get the commercial grade support you need to make technology a part of your business and a “living” development environment so you can create and maintain the applications necessary to run your business as you require.

### Grow with your online communications and commerce needs

Upgrade tools and add-on modules will provide the additional functionality, scalability, and extensibility you will need as you expand your implementation of online communications and commerce. Mosaic Communications has an aggressive schedule for the development of these and other system extensions—and the team to pull it off.

With Mosaic NetSite servers from Mosaic Communications, you can create and serve online documents that are rich with audio, video, graphical images, and formatted text. Global communications and commerce are literally at your fingertips.

### Technical Specifications

- Backwards compatible with NCSA Mosaic server prototype (HTTP), including interoperability with all HTTP-based clients and servers
- DNS and IP address-based access control
- Secure enhanced encryption and server authentication using RSA Data Security technology (Commerce server only)
- Simplified imagemap setup
- Industry-standard protocol support, including HTTP and TCP/IP, and document formats such as HTML
- Simplified configuration and maintenance using QuickStart graphical install tools
- Increased performance, including faster response times, increased CPU and communications efficiency, and increased load capacity
- Scalability to meet the demands of increased traffic
- Extensibility to incorporate additional features on a modular basis
- Operates on UNIX, including Sun (Solaris, SunOS), Silicon Graphics (IRIX), Digital Equipment Corporation (OSF/1), IBM (AIX), Hewlett-Packard (HP-UX), IBM/PC (BSDI)



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